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# anti-Metabotropic Glutamate Receptor 6 antibody (C-Term)



Target:



Overview		
Quantity:	100 μL	
Target:	Metabotropic Glutamate Receptor 6 (GRM6)	
Binding Specificity:	C-Term	
Reactivity:	Human, Rat, Mouse, Dog, Rabbit, Cow, Guinea Pig, Horse, Zebrafish (Danio rerio), Saccharomyces cerevisiae	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Metabotropic Glutamate Receptor 6 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human GRM6	
Sequence:	ITFSLTSLQV VGMIAWLGAR PPHSVIDYEE QRTVDPEQAR GVLKCDMSDL	
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 100%, Zebrafish: 86%	
Characteristics:	This is a rabbit polyclonal antibody against GRM6. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	
Target Details		

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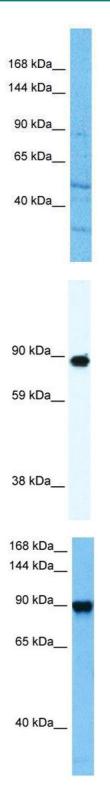
Metabotropic Glutamate Receptor 6 (GRM6)

# Target Details

Alternative Name:	GRM6 (GRM6 Products)		
Background:	L-glutamate is the major excitatory neurotransmitter in the central nervous system and		
	activates both ionotropic and metabotropic glutamate receptors. The metabotropic glutamate		
	receptors are a family of G protein-coupled receptors, that have been divided into 3 groups on		
	the basis of sequence homology, putative signal transduction mechanisms, and pharmacologic		
	properties. GRM6 is part of Group III which is linked to the inhibition of the cyclic AMP cascade.		
	Alias Symbols: mGlu6, CSNB1B, GPRC1F, MGLUR6		
	Protein Interaction Partner: GNAO1,		
	Protein Size: 877		
Molecular Weight:	95 kDa		
Gene ID:	2916		
NCBI Accession:	NM_000843, NP_000834		
UniProt:	015303		
Application Details			
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.		
Comment:	Antigen size: 877 AA		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	Lot specific		
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %		
	sucrose.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		
	should be handled by trained staff only.		
Handling Advice:	Avoid repeated freeze-thaw cycles.		
Storage:	-20 °C		
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small		

aliquots to prevent freeze-thaw cycles.

## **Images**



### **Western Blotting**

Image 1. Host: Rabbit Target Name: GRM6 Sample Type: HepG2 Whole Cell lysates Antibody Dilution: 1.0ug/ml

### **Western Blotting**

**Image 2.** WB Suggested Anti-GRM6 Antibody Titration: 0.2-1 ug/ml Positive Control: Human brain

#### **Western Blotting**

Image 3. Host: Mouse Target Name: GRM6 Sample Tissue: Mouse Kidney Antibody Dilution: 1ug/ml

Please check the product details page for more images. Overall 4 images are available for ABIN2779742.